

INTERNATIONAL SEARCH REPORT

PCT/EP2004/014484

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01N21/64 G01J1/04 G01J1/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G01N G01J G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 801 828 A (COLLINS RUSSELL L) 1 September 1998 (1998-09-01) abstract column 1, line 63 - column 3, line 11 column 5, line 1 - line 8 figure 1 -----	1-12
A	US 6 355 934 B1 (OOSGOOD ET AL) 12 March 2002 (2002-03-12) column 5, lines 25-53 -----	1-12
A	US 6 018 387 A (EPPLER JOERG ET AL) 25 January 2000 (2000-01-25) * col. 2, lines 22-40 ; col. 4, line 5 - col. 5, line 8 *	1-12
A	US 5 757 014 A (BRUNO ET AL) 26 May 1998 (1998-05-26) abstract -----	1-12

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

Date of mailing of the international search report

23 March 2005

01/04/2005

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US 6018387	A	25-01-2000	DE	19704731 A1		13-08-1998
US 5757014	A	26-05-1998	EP CA JP	0736767 A1 2173552 A1 8285775 A		09-10-1996 08-10-1996 01-11-1996